CLAIMS

What Is Claimed Is:

1. A dental radiography positioning system comprising:

an aimer ring having a ring and a bar slide for alternately and slidingly engaging a posterior imaging bar and an anterior imaging bar;

the posterior imaging bar having a posterior aimer ring bar and a posterior imaging platform for mounting a posterior sensor holder;

the posterior sensor holder having a tab for mounting to the posterior imaging platform;

the anterior imaging bar having an anterior aimer ring bar and a anterior imaging platform for mounting an anterior sensor holder; and,

the anterior sensor holder having a tab for mounting to the anterior imaging platform.

2. The dental radiography positioning system of Claim 1 where the posterior imaging bar comprises an imaging arm supporting the posterior imaging platform and an opposing posterior imaging platform;

where the posterior and opposing posterior imaging platforms can each be used for taking upper and lower posterior dental radiographic images.

3. The dental radiography positioning system of Claim 1 where the anterior imaging platform has two slotted arms for holding the anterior sensor holder

4. The dental radiography positioning system of Claim 1 further comprising a horizontal bitewing sensor holder.

5. The dental radiography positioning system of Claim 1 further comprising a vertical bitewing sensor holder.

6. The dental radiography positioning system of Claim 1 where the anterior imaging bar and the posterior imaging bar comprise a material that can be sterilized for multiple uses.

7. A dental radiography posterior imaging bar comprising an aimer ring bar perpendicularly elevated from an imaging bar by a pre-determined length;

where the imaging bar has a first posterior imaging platform and a second posterior imaging platform;

the first and second posterior imaging platforms each having a sensor stop and a sensor holder slot for supporting a sensor holder; and,

where the first posterior imaging platform is used for upper left posterior dental images and lower right posterior dental images;

where the second posterior imaging platform is used for upper right posterior dental images and lower left posterior dental images.

8. The dental radiography posterior imaging bar of Claim 7 where the first posterior imaging platform further comprises a top side and bottom side, where the top side is marked to indicate usage for upper left posterior dental images and the bottom side is marked to indicated usage for lower right posterior dental images.

9. The dental radiography posterior imaging bar of Claim 7 where the second posterior imaging platform further comprises a top side and bottom side, where the top side is marked to indicate usage for upper right posterior dental images and the bottom side is marked to indicated usage for lower left posterior dental images.

10. The dental radiography posterior imaging bar of Claim 7 where the first and second posterior imaging platforms are positioned on opposite sides of the aimer ring bar.

11. The dental radiography posterior imaging bar of Claim 7 where the dental radiography posterior imaging bar is T-shaped.

12. The dental radiography posterior imaging bar of Claim 11 where the imaging bar has a draft angle of 1.0 to 2.0 degrees.

13. A dental radiography posterior sensor holder comprising a flexible sleeve for holding a digital dental radiography sensor where the sleeve has a sleeve base and a sleeve back;

where the sleeve base has a tab for engaging a posterior imaging bar; and,

where the sleeve back has a gripping tab for being held by a gripping tool.

14. A dental radiography anterior sensor holder comprising a flexible sleeve for holding a digital dental radiography sensor and two arms extending from the sleeve; where each arm is slotted for engaging an anterior imaging bar.

15. The dental radiography anterior sensor holder of Claim 14 where each arm extends from the sleeve at a pre-determined angle.

16. The dental radiography anterior sensor holder of Claim 14 where each arm has an I-shaped cross-section.

17. A dental radiography anterior imaging bar comprising an aimer ring bar supporting an anterior imaging platform;

where the anterior imaging platform has two pressure slots for holding an anterior sensor holder and an angled base for positioning a dental sensor for an anterior dental image; and,

where the aimer ring bar has an S-curve to support an aimer ring with an interior view so that the anterior sensor holder is supported by the imaging platform within the interior view of the aimer ring.

18. The dental radiography anterior imaging bar of Claim 17 where the imaging platform further comprises two support arms extending from below the pressure slots to provide support to the anterior sensor holder.